

TRUCKEE RIVER BASIN, LAKE TAHOE

103366995 INCLINE CREEK AT HIGHWAY 28, AT INCLINE VILLAGE, NV

LOCATION.—Lat 39°14'44", long 119°56'17", in SE 1/4 SE 1/4 sec.15, T.16 N., R.18 E., Washoe County, Nevada, Hydrologic Unit 16050101, on left bank, 200 ft downstream from culverts on State Highway 28, 0.6 mi upstream from Lake Tahoe, and 1.8 mi southeast of intersection of State Highways 431 and 28.

DRAINAGE AREA.—4.47 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—December 1989 to current year (discontinued).

GAGE.—Water-stage recorder. Elevation of gage is 6,320 ft above NGVD of 1929, from topographic map.

REMARKS.—Records fair including estimated daily discharges. See schematic diagram of Truckee River Basin, Lake Tahoe and Truckee River

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	1.9	2.2	e2.4	2.3	2.0	8.2	12	6.9	3.7	1.9	1.5
2	1.6	2.1	2.2	e2.4	2.3	2.0	7.9	13	6.8	3.6	1.9	1.5
3	1.6	2.0	2.1	e2.4	2.2	2.1	8.5	12	6.7	3.5	1.9	1.6
4	1.6	2.5	2.1	e2.4	2.4	2.1	9.3	12	6.5	3.4	1.9	1.6
5	1.5	2.0	e2.1	2.4	e2.3	2.1	10	12	6.4	3.3	1.9	1.6
6	1.5	2.0	e2.1	2.3	e2.2	2.5	10	11	6.4	3.2	1.9	1.6
7	1.5	2.1	e2.2	2.3	2.1	3.2	9.9	11	6.1	3.1	1.9	1.5
8	1.5	2.1	e2.2	2.4	e2.1	3.9	9.7	11	5.9	3.0	1.8	1.5
9	1.5	2.2	e2.3	2.5	2.0	4.2	10	10	6.1	3.0	1.8	1.5
10	1.6	2.1	2.3	2.4	e2.0	4.5	e10	9.6	5.9	2.9	1.7	1.5
11	1.6	2.1	e2.3	2.4	2.0	4.4	e11	9.1	5.7	2.9	1.7	1.5
12	1.6	2.1	e2.3	2.4	2.0	4.6	e11	8.8	5.5	2.8	1.7	1.5
13	1.6	2.1	2.3	2.4	2.0	4.9	e11	8.8	5.4	2.7	1.7	1.5
14	1.6	2.1	e2.3	2.4	2.0	5.3	e10	8.8	5.3	2.7	1.8	1.6
15	1.6	2.2	e2.3	2.4	2.0	6.3	e10	8.7	5.1	2.6	1.8	1.6
16	1.6	2.1	e2.3	2.3	3.5	6.5	e9.2	8.5	4.9	2.6	1.8	1.6
17	1.6	e2.1	2.3	2.2	3.1	6.6	e8.9	8.4	4.9	2.5	1.7	1.6
18	1.5	e2.0	2.3	2.3	2.5	7.3	8.0	8.2	4.8	2.5	1.6	1.7
19	1.5	e2.0	2.3	2.2	2.2	7.8	e7.7	8.1	4.7	2.5	1.6	1.9
20	1.5	2.1	2.5	2.2	2.1	8.2	e7.7	8.0	4.5	2.4	1.6	2.1
21	1.5	2.0	2.4	2.2	2.1	9.0	e8.3	7.8	4.4	2.4	1.6	2.0
22	1.5	e2.0	2.3	e2.2	2.1	9.4	e8.9	7.8	4.3	2.3	1.7	1.9
23	1.7	e2.1	2.3	2.2	2.0	9.7	e9.4	7.7	4.1	2.3	1.7	1.8
24	1.6	2.2	2.8	2.3	2.0	8.9	9.6	7.5	4.0	2.3	1.7	1.8
25	1.6	2.0	2.5	2.2	e2.0	7.9	10	7.2	3.9	2.2	1.7	1.7
26	1.6	2.1	e2.5	e2.2	e2.1	7.2	11	7.2	3.8	2.2	1.6	1.7
27	1.6	2.2	e2.5	2.2	e2.1	6.8	11	7.4	3.8	2.1	1.6	1.7
28	1.6	2.1	e2.5	2.2	2.0	6.9	12	7.6	3.8	2.1	1.6	1.7
29	1.7	2.2	e2.5	2.2	2.0	7.4	11	7.2	3.7	2.0	1.5	1.8
30	1.8	2.2	e2.5	2.2	---	e7.6	11	7.1	3.7	2.0	1.5	1.9
31	1.9	---	e2.5	2.2	---	e7.9	---	7.0	---	2.0	1.5	---
TOTAL	49.2	63.0	72.3	71.4	63.7	179.2	290.2	280.5	154.0	82.8	53.3	50.0
MEAN	1.59	2.10	2.33	2.30	2.20	5.78	9.67	9.05	5.13	2.67	1.72	1.67
MAX	1.9	2.5	2.8	2.5	3.5	9.7	12	13	6.9	3.7	1.9	2.1
MIN	1.5	1.9	2.1	2.2	2.0	2.0	7.7	7.0	3.7	2.0	1.5	1.5
AC-FT	98	125	143	142	126	355	576	556	305	164	106	99

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2004, BY WATER YEAR (WY)

MEAN	2.50	2.68	2.77	3.32	3.12	5.34	8.25	12.7	11.9	6.41	3.26	2.52
MAX	4.61	4.93	5.71	14.8	7.81	11.9	18.5	25.5	34.9	27.9	10.5	5.83
(WY)	1996	1997	1997	1997	1996	1997	1997	1996	1995	1995	1995	1995
MIN	0.95	1.22	1.21	1.19	1.41	2.25	3.63	1.98	1.26	0.87	0.65	0.67
(WY)	1993	1991	1993	1993	1991	1991	1991	1992	1992	1992	1992	1992

SUMMARY STATISTICS FOR 2003 CALENDAR YEAR FOR 2004 WATER YEAR WATER YEARS 1990 - 2004

ANNUAL TOTAL	1289.8	1409.6	
ANNUAL MEAN	3.53	3.85	5.62
HIGHEST ANNUAL MEAN			10.7
LOWEST ANNUAL MEAN			1.54
HIGHEST DAILY MEAN	14	May 24	85
LOWEST DAILY MEAN	1.5	Sep 21	0.56
ANNUAL SEVEN-DAY MINIMUM	1.5	Sep 21	0.60
MAXIMUM PEAK FLOW		15 May 2	143
MAXIMUM PEAK STAGE		a2.43 Dec 30	3.51
ANNUAL RUNOFF (AC-FT)	2560	2800	4070
10 PERCENT EXCEEDS	6.4	8.9	13
50 PERCENT EXCEEDS	2.5	2.3	3.4
90 PERCENT EXCEEDS	1.6	1.6	1.2

e Estimated.

a Backwater from ice.